

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number
WO 2005/090313 A1

(51) International Patent Classification⁷: **C07D 231/40**,
231/42, 231/50, 401/12, 417/04, 403/12, 413/12, 417/12,
A01N 43/56, A61K 31/415, A61P 33/00

[IE/GB]; Pfizer Global Research and Development, Rams-
gate Road, Sandwich, Kent CT13 9NJ (GB).

(21) International Application Number:
PCT/IB2005/000597

(74) Agents: **WOOD, David, J.** et al.; Pfizer Research and
Development, Ramsgate Road, Sandwich, Kent CT13 9NJ
(GB).

(22) International Filing Date: 7 March 2005 (07.03.2005)

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0406137.0 18 March 2004 (18.03.2004) GB
60/571,415 13 May 2004 (13.05.2004) US

(71) Applicant (*for GB only*): **PFIZER LIMITED** [GB/GB];
Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except GB, US*):
PFIZER INC. [US/US]; 235 East 42nd Street, New York,
NY 10017 (US).

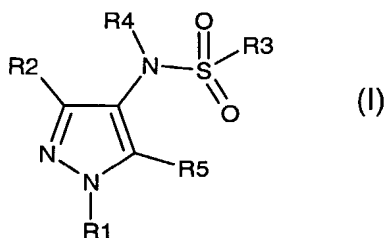
(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **CRITCHER,**
Douglas, James [GB/GB]; Pfizer Global Research and
Development, Ramsgate Road, Sandwich, Kent CT13
9NJ (GB). **LAURET, Christelle** [FR/GB]; Pfizer Global
Research and Development, Ramsgate Road, Sandwich,
Kent CT13 9NJ (GB). **WALSHE, Nigel, Derek, Arthur**

Published:
— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: N-(1-ARYLPYRAZOL-4L)SULFONAMIDES AND THEIR USE AS PARASITICIDES



(57) Abstract: The invention relates to a sulfonamide compound of formula (I) or a pharmaceutically, veterinarily or agriculturally acceptable salt or solvate thereof, where the groups R¹-R⁵ are described in the description, to compositions comprising such compounds, processes for their synthesis and their use as parasiticides.



WO 2005/090313 A1